

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 1 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

SUPPLEMENTAL INFORMATION DISCLOSURE CITATIONS MADE BY APPLICANT

U.S. Patents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____1	287,046	10/23/1883	Norton
____2	1,088,393	02/24/1914	Backus
____3	1,331,401	02/17/1920	Summers
____4	2,087,074	07/13/1937	Tucker
____5	2,453,227	11/09/1948	James
____6	2,684,070	07/20/1954	Kelsey
____7	2,944,311	07/12/1960	Schneckenberger
____8	2,969,887	01/31/1961	Darmstadt et al.
____9	3,015,403	01/02/1962	Fuller
____10	3,142,878	08/04/1967	Santora
____11	3,482,428	12/09/1969	Kapitanov et al.
____12	3,944,114	03/16/1976	Coppens

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 2 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____13	4,014,492	03/29/1977	Rothfuss
____14	4,207,870	06/17/1980	Eldridge
____15	4,278,091	07/14/1981	Borzone
____16	4,318,401	03/09/1982	Zimmerman
____17	4,428,376	01/31/1984	Mericle
____18	4,505,273	03/19/1985	Braun et al.
____19	4,523,695	06/18/1985	Braun et al.
____20	4,525,157	06/25/1985	Valaincourt
____21	4,607,638	08/26/1986	Crainich
____22	4,610,251	09/09/1986	Kumar
____23	4,610,252	09/09/1986	Catalano
____24	4,665,906	05/19/1987	Jervis
____25	4,724,840	02/16/1988	McVay et al
____26	4,738,658	04/19/1988	Magro et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 3 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____27	4,744,364	05/17/1988	Kensey
____28	4,771,782	09/20/1988	Millar
____29	4,789,090	12/06/1988	Blake, III
____30	4,832,688	05/23/1989	Sagae et al.
____31	4,836,204	06/06/1989	Landymore et al.
____32	4,852,568	08/01/1989	Kensey
____33	4,874,122	10/17/1989	Froelich et al.
____34	4,878,915	11/07/1989	Brantigan
____35	4,887,601	12/19/1989	Richards
____36	4,934,364	06/19/1990	Green
____37	5,015,247	05/14/1991	Michelson
____38	5,021,059	06/04/1991	Kensey et al.
____39	5,061,274	10/29/1991	Kensey
____40	5,100,418	03/31/1992	Yoon et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 4 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
___41	5,108,421	04/28/1992	Fowler
___42	5,114,032	05/19/1992	Laidlaw
___43	5,114,065	05/19/1992	Storage
___44	5,131,379	07/21/1992	Sewell, Jr.
___45	5,147,381	09/15/1992	Heimerl et al.
___46	5,167,634	12/01/1992	Corrigan, Jr. et al.
___47	5,171,249	12/15/1992	Stefanchik et al.
___48	5,192,300	03/09/1993	Fowler
___49	5,192,301	03/09/1993	Kamiya et al.
___50	5,209,756	05/11/1993	Seedhorn et al.
___51	5,243,857	02/28/1995	Velez
___52	5,246,156	09/21/1993	Rothfuss et al.
___53	5,246,443	09/21/1993	Mai
___54	5,290,243	03/01/1994	Chodorow et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 5 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____55	5,290,310	03/01/1994	Makower et al.
____56	5,292,309	03/08/1994	Van Tassel et al.
____57	5,292,332	03/08/1994	Lee
____58	5,306,254	04/26/1994	Nash et al.
____59	5,320,639	06/14/1994	Rudnick
____60	5,334,216	08/02/1994	Vidal et al.
____61	5,350,399	09/27/1994	Erlebacher et al.
____62	5,352,229	10/04/1994	Goble et al.
____63	5,366,479	11/22/1994	McGarry et al.
____64	5,392,978	02/28/1995	Valez et al.
____65	5,395,030	03/07/1995	Kuramoto et al.
____66	5,411,520	05/02/1995	Nash et al.
____67	5,413,571	05/09/1995	Katsaros et al.
____68	5,413,584	05/09/1995	Schulze

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 6 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____69	5,416,584	05/16/1995	Kay
____70	5,417,699	05/23/1995	Klein et al.
____71	5,423,857	06/13/1995	Rosenman et al.
____72	5,431,639	07/11/1995	Shaw
____73	5,443,481	08/22/1995	Lee
____74	5,456,400	10/10/1995	Shichman et al.
____75	5,470,010	11/28/1995	Rothfuss et al.
____76	5,474,557	12/12/1995	Mai
____77	5,478,352	12/26/1995	Fowler
____78	5,478,353	07/18/1994	Yoon et al.
____79	5,486,195	01/23/1996	Myers et al.
____80	5,507,755	04/16/1996	Gresl et al.
____81	5,522,840	06/04/1996	Krajicek
____82	5,536,251	07/16/1996	Evard et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 7 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____83	5,544,802	08/13/1996	Crainich
____84	5,560,532	10/01/1996	DeFonzo et al.
____85	5,591,205	01/07/1997	Fowler
____86	5,601,602	02/11/1997	Fowler
____87	5,620,461	04/15/1997	Muijs et al.
____88	5,643,318	07/01/1997	Tsukernik et al.
____89	5,645,565	07/08/1997	Rudd et al.
____90	5,645,566	07/08/1997	Brenneman et al.
____91	5,645,567	07/08/1997	Crainich
____92	5,676,689	10/14/1997	Kensey et al.
____93	5,676,974	10/14/1997	Valdes et al.
____94	5,690,674	11/25/1997	Diaz
____95	5,695,504	12/09/1997	Gifford, III et al.
____96	5,716,375	02/10/1998	Fowler

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 8 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____97	5,725,554	03/10/1998	Simon et al.
____98	5,728,114	03/17/1998	Evans et al.
____99	5,728,122	03/17/1998	Leschinsky et al.
____100	5,728,132	03/17/1998	Van Tassel et al.
____101	5,732,872	03/31/1998	Bolduc et al.
____102	5,810,776	09/22/1998	Bacich et al.
____103	5,855,312	01/05/1999	Toledano
____104	5,861,005	01/19/1999	Kontos
____105	5,871,474	02/16/1999	Hermann et al.
____106	5,871,501	02/16/1999	Leschinsky et al.
____107	5,871,525	02/16/1999	Edwards et al.
____108	5,902,310	05/11/1999	Foerster et al.
____109	5,904,697	05/18/1999	Gifford, III et al.
____110	5,935,147	08/10/1999	Kensey et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 9 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____111	5,941,890	08/24/1999	Voegele et al.
____112	5,984,949	11/16/1999	Levin
____113	5,993,468	11/30/1999	Rygaard
____114	6,004,341	12/21/1999	Zhu et al.
____115	6,022,372	02/08/2000	Kontos
____116	6,030,364	02/29/2000	Durgin et al.
____117	6,048,358	04/11/2000	Barak
____118	6,056,768	05/02/2000	Cates et al.
____119	6,090,130	07/18/2000	Nash et al.
____120	6,110,184	08/29/2000	Weadock
____121	6,117,148	09/12/2000	Ravo
____122	6,149,660	11/21/2000	Laufer et al.
____123	6,149,667	11/21/2000	Hovland et al.
____124	6,152,937	11/28/2000	Peterson et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 10 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____125	6,197,042	03/06/2001	Ginn et al.
____126	6,277,140	08/21/2001	Ginn et al.
____127	6,287,322	09/11/2001	Zhu et al.
____128	6,305,891	10/23/2001	Burlingame
____129	6,322,580	11/27/2001	Kanner
____130	6,334,865	01/01/2002	Redmond et al.
____131	6,348,064	02/19/2002	Kanner
____132	6,391,048	05/21/2002	Ginn et al.
____133	6,398,752	06/04/2002	Sweezer et al.
____134	6,402,765	06/11/2002	Monassevitch et al.
____135	6,409,739	06/25/2002	Nobles et al.
____136	6,428,548	08/06/2002	Durgin et al.
____137	6,443,158	09/03/2002	Lafontaine et al.
____138	6,450,391	09/17/2002	Kayan et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 11 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____139	6,488,692	12/03/2002	Spence et al.
____140	6,506,210	01/14/2003	Kanner
____141	6,533,762	03/18/2003	Kanner et al.
____142	6,547,806	04/15/2003	Ding
____143	6,582,452	06/24/2003	Coleman et al.
____144	6,602,263	08/05/2003	Swanson et al.
____145	6,616,686	09/09/2003	Coleman et al.
____146	6,623,510	09/23/2003	Carley et al.
____147	6,626,918	09/30/2003	Ginn et al.
____148	6,632,238	10/14/2003	Ginn et al.
____149	6,634,537	10/21/2003	Chen
____150	6,645,205	11/11/2003	Ginn
____151	6,652,538	11/25/2003	Kayan et al.
____152	6,669,714	12/30/2003	Coleman et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 12 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____153	6,679,904	01/20/2004	Gleeson et al.
____154	6,695,867	02/24/2004	Ginn et al.
____155	6,719,777	04/13/2004	Ginn et al.
____156	6,726,704	04/27/2004	Loshakove et al.
____157	6,749,621	06/15/2004	Pantages et al.
____158	6,755,842	06/29/2004	Kanner et al.
____159	6,767,356	07/27/2004	Kanner et al.
____160	6,780,197	02/21/2002	Carley et al.
____161	6,926,731	08/09/2005	Coleman et al.
____162	6,942,674	09/13/2005	Belef et al.
____163	7,001,398	02/21/2006	Carley et al.
____164	7,108,709	09/19/2006	Cummins
____165	7,111,768	09/26/2006	Cummins et al.
____166	7,163,551	01/16/2007	Anthony et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.
Serial No.: 10/682,459
Filing Date: October 08, 2003
For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 13 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____167	7,211,101	05/01/2007	Carley et al
____168	RE 34,866	02/21/1995	Kensey et al.
____169	2001/0007077	07/05/2001	Ginn et al.
____170	2001/0031972	10/18/2001	Robertson et al.
____171	2001/0047180	11/29/2001	Grudem et al.
____172	2002/0026208	02/28/2002	Belef
____173	2002/0026215	02/28/2002	Redmond et al.
____174	2002/0049427	04/25/2002	Wiener et al.
____175	2002/0049472	04/25/2002	Coleman et al.
____176	2002/0072768	06/13/2002	Ginn
____177	2002/0077657	06/20/2002	Ginn et al.
____178	2002/0082641	06/27/2002	Ginn et al.
____179	2002/0107542	08/08/2002	Kanner et al.
____180	2002/0133193	09/19/2002	Ginn et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 14 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____181	2002/0151921	10/17/2002	Kanner et al.
____182	2002/0193808	12/19/2002	Belef et al.
____183	2003/0004543	01/02/2003	Gleeson et al.
____184	2003/0078598	04/24/2003	Ginn et al.
____185	2003/0097140	05/22/2003	Kanner
____186	2003/0109890	06/12/2003	Kanner et al.
____187	2003/0125766	07/03/2003	Ding
____188	2003/0158577	08/21/2003	Pantages et al.
____189	2003/0158578	08/21/2003	Pantages et al.
____190	2003/0195561	10/16/2003	Carley et al.
____191	2004/0009289	01/15/2004	Carley et al.
____192	2004/0010285	01/15/2004	Carley et al.
____193	2004/0039414	02/26/2004	Carley et al.
____194	2004/0073236	04/15/2004	Carley et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 15 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____195	2004/0087985	05/06/2004	Loshakove et al.
____196	2004/0153122	08/05/2004	Palermo
____197	2004/0153123	08/05/2004	Palermo et al.
____198	2004/0167570	08/26/2004	Pantages
____199	2004/0254591	12/16/2004	Kanner et al.
____200	2004/0267312	12/30/2004	Kanner et al.
____201	2005/0090859	04/28/2005	Ravikumar
____202	2005/0119695	06/02/2005	Carley et al.
____203	2005/0216057	09/29/2005	Coleman et al.
____204	2005/0267530	12/01/2005	Cummins et al.
____205	2005/0273136	12/08/2005	Belef et al.
____206	2005/0274768	12/15/2005	Cummins et al.
____207	2006/0020270	01/26/2006	Jabba et al.
____208	2006/0135989	06/22/2006	Carley et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 16 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Date</u>	<u>Name</u>
____209	2006/0144479	07/06/2006	Carley et al.
____210	2006/0167484	07/27/2006	Carley et al.
____211	2006/0190014	08/24/2006	Ginn et al.
____212	2006/0190037	08/24/2006	Carley et al.
____213	2006/0190038	08/24/2006	Carley et al.
____214	2006/0195123	08/31/2006	Ginn et al.
____215	2006/0195124	08/31/2006	Ginn et al.
____216	2006/0287674	12/21/2006	Ginn et al.
____217	2007/0010854	01/11/2007	Cummins et al.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 17 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

U.S. Patent Applications

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Filed Date</u>
____218	09/866,551	05/25/2001
____219	11/396,141	03/31/2006
____220	11/675,462	02/15/2007
____221	11/744,089	05/03/2007

Foreign Patent Documents

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
____222	CA 2 339 060	02/17/2000	Canada
____223	DE 197 11 288	01/10/1998	Germany
____224	DE 297 23 736 U 1	04/01/1999	Germany
____225	EP 0 386 361	09/12/1990	EPO
____226	EP 0 534 696	03/31/1993	EPO

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 18 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
____227	EP 0 756 851	02/05/1997	EPO
____228	EP 0 774 237	05/21/1997	EPO
____229	EP 0 858 776	08/19/1998	EPO
____230	EP 0 941 697	09/15/1999	EPO
____231	FR 2 443 238	07/04/1980	France
____232	FR 2 722 975	02/02/1996	France
____233	GB 1 358 466	07/03/1974	Great Britain
____234	GB 2 075 144	11/11/1981	Great Britain
____235	NL 9302140	07/03/1995	Netherlands
____236	S 2000/0722	10/04/2001	Ireland
____237	S 2000/0724	10/04/2001	Ireland
____238	S 2001/0547	07/10/2002	Ireland
____239	S 2001/0748	08/28/2002	Ireland
____240	S 2001/0749	08/28/2002	Ireland

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 19 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
____241	S 2001/0815	07/10/2002	Ireland
____242	S 2002/0451	07/03/2003	Ireland
____243	S 2002/0452	12/30/2002	Ireland
____244	S 2002/0552	07/18/2003	Ireland
____245	S 2002/0664	02/19/2003	Ireland
____246	S 2002/0665	02/19/2003	Ireland
____247	S 2003/0424	12/10/2003	Ireland
____248	S 2003/0490	01/14/2004	Ireland
____249	S 2004/0368	11/30/2005	Ireland
____250	S 2005/0342	11/30/2005	Ireland
____251	WO 96/24291	08/15/1996	PCT
____252	WO 97/07741	03/06/1997	PCT
____253	WO 98/06448	02/19/1998	PCT
____254	WO 98/17179	04/30/1998	PCT

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 20 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
____255	WO 98/25508	06/18/1998	PCT
____256	WO 99/62408	12/09/1999	PCT
____257	WO 00/06029	02/10/2000	PCT
____258	WO 00/56223	09/28/2000	PCT
____259	WO 00/56228	09/28/2000	PCT
____260	WO 00/71032	11/30/2000	PCT
____261	WO 01/35832	05/25/2001	PCT
____262	WO 01/49186	07/12/2001	PCT
____263	WO 01/91628	12/06/2001	PCT
____264	WO 02/19915	03/14/2002	PCT
____265	WO 02/19920	03/14/2002	PCT
____266	WO 02/19922	03/14/2002	PCT
____267	WO 02/19924	03/14/2002	PCT
____268	WO 02/45593	06/13/2002	PCT

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 21 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

<u>Examiner Initial*</u>	<u>Document Number</u>	<u>Publication Date</u>	<u>Country or Patent Office</u>
____269	WO 02/45594	06/13/2002	PCT
____270	WO 02/98302	12/12/2002	PCT
____271	WO 03/101310	12/11/2003	PCT
____272	WO 03/13363	02/20/2003	PCT
____273	WO 03/13364	02/20/2003	PCT
____274	WO 03/47434	06/12/2003	PCT
____275	WO 03/71955	09/04/2003	PCT
____276	WO 03/71956	09/04/2003	PCT
____277	WO 03/71957	01/15/2004	PCT
____278	WO 04/04578	01/15/2004	PCT
____279	WO 04/60169	07/22/2004	PCT
____280	WO 04/69054	08/19/2004	PCT
____281	WO 05/115521	12/08/2005	PCT
____282	WO 05/82256	09/09/2005	PCT

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 22 of 32

Confirmation No.: 1645

Att'y Docket No.: 16497.3.1

Art Unit: 3731

Examiner
Initial*

Document
Number

Publication Date

Country or
Patent Office

____283

WO 06/83889

08/10/2006

PCT

____284

ZA 20010527

01/18/2001

South
Africa

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 23 of 32

Confirmation No.: 1645

Att'y Docket No.: 16497.3.1

Art Unit: 3731

Other Documents

(including author, title, pertinent pages, etc.)

Examiner

Initial*

____285

Database WPI; Section PQ, Week 200120; Derwent Publications Ltd., London GB; Class P31, AN 2001-203165; XP002199926 & ZA 200 100 528 A (ANTHONY T), 28 February 2001 (2001-02-28) abstract.

Issue Notifications, Notices of Allowance, and Office Actions

Examiner

Initial*

Patent or Serial
Number

Document

Mail Date

____286

2002/0072768

Office Action

08/27/2004

____287

2002/0072768

Office Action

02/23/2005

____288

2002/0072768

Office Action

04/11/2005

____289

2002/0072768

Office Action

07/27/2005

____290

2002/0072768

Office Action

03/06/2006

____291

2002/0072768

Office Action

05/24/2006

____292

2002/0072768

Office Action

10/26/2006

____293

2002/0072768

Office Action

04/19/2007

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 24 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____294	2002/0133193	Office Action	11/04/2004
____295	2002/0133193	Office Action	05/04/2005
____296	2002/0133193	Office Action	10/18/2005
____297	2002/0133193	Notice of Allowance	04/18/2007
____298	2002/0133193	Notice of Allowance	09/27/2007
____299	2003/0078598	Office Action	02/09/2005
____300	2003/0078598	Office Action	05/26/2005
____301	2003/0078598	Office Action	10/04/2005
____302	2003/0078598	Notice of Allowance	05/10/2006
____303	2003/0078598	Notice of Allowance	07/02/2007
____304	2003/0195561	Office Action	06/10/2004
____305	2003/0195561	Notice of Allowance	09/21/2004
____306	2003/0195561	Office Action	01/03/2006
____307	2003/0195561	Issue Notification	02/15/2006

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.
Serial No.: 10/682,459
Filing Date: October 08, 2003
For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 25 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____308	2003/0195561	Office Action	05/16/2006
____309	2003/0195561	Notice of Allowance	12/28/2006
____310	2003/0195561	Notice of Allowance	07/10/2007
____311	2003/0195561	Notice of Allowance	08/02/2007
____312	2004/0153123	Office Action	09/22/2006
____313	2004/0153123	Office Action	01/31/2007
____314	2004/0153123	Office Action	09/18/2007
____315	2004/0153122	Office Action	11/30/2005
____316	2004/0153122	Office Action	08/23/2006
____317	2004/0153122	Office Action	02/13/2007
____318	2004/0153122	Office Action	09/12/2007
____319	2004/0073236	Office Action	09/19/2006
____320	2004/0073236	Office Action	05/02/2007
____321	2004/0009289	Office Action	06/30/2006

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 26 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____322	2004/0009289	Office Action	10/20/2006
____323	2004/0009289	Office Action	05/29/2007
____324	2004/0167570	Office Action	10/30/2006
____325	2004/0167570	Office Action	04/17/2007
____326	2004/0167570	Office Action	08/31/2007
____327	2005/0274768	Office Action	10/19/2006
____328	2005/0274768	Office Action	08/10/2007
____329	2005/0216057	Office Action	02/06/2007
____330	2005/0216057	Office Action	05/30/2007
____331	2005/0234508	Office Action	08/13/2007
____332	2006/0135989	Office Action	11/30/2006
____333	2006/0135989	Office Action	09/05/2007
____334	2006/0195124	Office Action	06/06/2007
____335	2006/0195123	Office Action	05/14/2007

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 27 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____336	6,197,042	Notice of Allowance	11/06/2000
____337	6,197,042	Issue Notification	02/15/2001
____338	6,277,140	Office Action	03/26/2001
____339	6,277,140	Notice of Allowance	06/04/2001
____340	6,277,140	Issue Notification	08/06/2001
____341	6,391,048	Notice of Allowance	03/26/2001
____342	6,391,048	Office Action	09/05/2001
____343	6,391,048	Notice of Allowance	02/11/2002
____344	6,391,048	Issue Notification	05/03/2002
____345	6,461,364	Notice of Allowance	05/06/2002
____346	6,461,364	Issue Notification	09/19/2002
____347	6,582,452	Notice of Allowance	01/31/2003
____348	6,582,452	Issue Notification	06/05/2003
____349	6,616,686	Office Action	12/17/2002

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 28 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____350	6,616,686	Notice of Allowance	04/21/2003
____351	6,616,686	Issue Notification	08/21/2003
____352	6,623,510	Notice of Allowance	04/11/2003
____353	6,623,510	Office Action	06/09/2003
____354	6,623,510	Issue Notification	09/04/2003
____355	6,632,238	Office Action	02/26/2003
____356	6,632,238	Notice of Allowance	06/16/2003
____357	6,632,238	Issue Notification	09/25/2003
____358	6,669,714	Office Action	03/04/2003
____359	6,669,714	Notice of Allowance	07/28/2003
____360	6,669,714	Issue Notification	12/11/2003
____361	6,695,867	Notice of Allowance	09/29/2003
____362	6,695,867	Issue Notification	02/05/2004
____363	6,719,777	Office Action	02/20/1987

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 29 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____364	6,719,777	Notice of Allowance	07/24/1987
____365	6,719,777	Issue Notification	03/25/2004
____366	6,749,621	Notice of Allowance	02/09/2004
____367	6,749,621	Office Action	04/13/2004
____368	6,749,621	Issue Notification	05/27/2004
____369	6,780,197	Office Action	09/11/2003
____370	6,780,197	Office Action	02/09/2004
____371	6,780,197	Notice of Allowance	03/17/2004
____372	6,780,197	Issue Notification	08/05/2004
____373	6,926,731	Office Action	11/16/2004
____374	6,926,731	Notice of Allowance	04/06/2005
____375	6,926,731	Issue Notification	07/20/2005
____376	6,942,674	Office Action	09/29/2004
____377	6,942,674	Notice of Allowance	05/13/2005

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 30 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____378	6,942,674	Issue Notification	08/24/2005
____379	7,001,398	Office Action	03/22/2005
____380	7,001,398	Notice of Allowance	07/06/2005
____381	7,001,398	Notice of Allowance	10/05/2005
____382	7,001,398	Issue Notification	02/21/2006
____383	7,008,435	Office Action	04/20/2005
____384	7,008,435	Office Action	08/10/2005
____385	7,008,435	Notice of Allowance	10/18/2005
____386	7,008,435	Issue Notification	02/15/2006
____387	7,108,709	Office Action	07/27/2004
____388	7,108,709	Office Action	12/17/2004
____389	7,108,709	Notice of Allowance	03/09/2005
____390	7,108,709	Office Action	08/11/2006
____391	7,108,709	Issue Notification	08/30/2006

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.
Serial No.: 10/682,459
Filing Date: October 08, 2003
For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 31 of 32
Confirmation No.: 1645
Att'y Docket No.: 16497.3.1
Art Unit: 3731

Examiner <u>Initial</u> *	Patent or Serial <u>Number</u>	<u>Document</u>	<u>Mail Date</u>
____392	7,111,768	Office Action	02/23/2006
____393	7,111,768	Notice of Allowance	05/31/2006
____394	7,111,768	Issue Notification	09/06/2006
____395	7,163,551	Office Action	01/10/2006
____396	7,163,551	Notice of Allowance	09/20/2006
____397	7,163,551	Issue Notification	12/27/2006
____398	7,211,101	Office Action	08/10/2005
____399	7,211,101	Office Action	12/19/2005
____400	7,211,101	Office Action	04/21/2006
____401	7,211,101	Notice of Allowance	12/27/2006
____402	7,211,101	Issue Notification	04/11/2007

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

VIA eFILE
Form PTO-1449

Applicant: Richard S. Ginn, et al.

Serial No.: 10/682,459

Filing Date: October 08, 2003

For: PLUNGER APPARATUS AND METHODS FOR DELIVERING
A CLOSURE DEVICE

Sheet 32 of 32

Confirmation No.: 1645

Att'y Docket No.: 16497.3.1

Art Unit: 3731

References Cited by Applicants

While the filing of Information Disclosure Statements is voluntary, the procedure is governed by the guidelines of Section 609 of the Manual of Patent Examining Procedure and 37 C.F.R. §§ 1.97 and 1.98. To be considered a proper Information Disclosure Statement, Form PTO-1449 shall be accompanied by a copy of each listed patent or publication or other item of information and a translation of the pertinent portions of foreign documents (if an existing translation is readily available to the applicant), an explanation of relevance of each reference not in the English language, and should be submitted in a timely manner as set out in MPEP Sec. 609.

Examiners will consider all citations submitted in conformance with 37 C.F.R. § 1.98 and MPEP Sec. 609 and place their initials adjacent the citations in the spaces provided on this form. Examiners will also initial citations not in conformance with the guidelines which may have been considered. A reference may be considered by the Examiner for any reason whether or not the citation is in full conformance with the guidelines. A line will be drawn through a citation if it is not in conformance with the guidelines AND has not been considered. A copy of the submitted form, as reviewed by the Examiner, will be returned to the applicant with the next communication. The original of the form will be entered into the application file.

Each citation initialed by the Examiner will be printed on the issued patent in the same manner as references cited by the Examiner on Form PTO-892.

The reference designations "A1," "A2," etc. (referring to Applicant's reference 1, Applicant's reference 2, etc.) will be used by the Examiner in the same manner as Examiner's reference designations "A," "B," "C," etc. on Office Action Form PTO-1142.

Examiner:

Date Considered:

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609, draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.